

United States of America  
Department of Transportation -- Federal Aviation Administration

# Supplemental Type Certificate

*Number* ST02194CH

*This certificate issued to* Elliott Aviation Inc.  
Quad City Int'l Airport  
P.O. Box 100  
Moline, IL 61266-0100

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.*

*Original Product - Type Certificate Number :* A33EU  
*Make :* Dassault Aviation  
*Model :* Falcon 10

*Description of Type Design Change:*

Installation of a Universal Avionics Systems Corp. (UASC) EFI-890R Electronic Flight Instrument System (EFIS) and Dual IS&S Air Data Computers (ADCs) in accordance with Star Aviation Master Drawing List (MDL) No. R34-0486, Revision A, Dated December 10, 2008, or later FAA Approved Revision.

*Limitations and Conditions:*

FAA Approved Airplane Flight Manual Supplements (AFMS) as identified in Star Aviation MDL No. R34-0486 for the Installation of a UASC 3-Display EFIS (EFI-890R) in Dassault Aviation Falcon 10, Elliott Aviation Document No. FMS-2463-000, Rev. B, Dated December 01, 2006; or FMS-2651-004 Rev. B Dated 3/07/07, or Star Document No. R34-0485, Rev. IR, Dated December 16, 2008, or later FAA approved revision, is a required part of this STC. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determine by the installer that the interrelationship between this change and any other previously approved modifications will produce no adverse effect upon the airworthiness of that airplane. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the*

*Date of application :* May 20, 2005

*Date reissued :* August 20, 2009

*Date of issuance :* October 17, 2005

*Date amended :* December 16, 2008

*Federal Aviation Administration.*

*By direction of the Administrator*



*Kenneth Mobley*  
\_\_\_\_\_  
(Signature)

Melvin D. Taylor, Manager,  
Atlanta Aircraft Certification Office

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(Title)

United States of America  
Department of Transportation - Federal Aviation Administration  
**Supplemental Type Certificate**  
(Continuation Sheet)

*Number*  
ST02194CH

*Date reissued:* August 20, 2009  
September 04, 2008

*Date amended:* December 16, 2008

Certification Basis:

The certification basis for the changed Dassault Aviation Falcon 10 as described in this certificate is as follows:

- a. The type certification basis for Dassault Aviation Falcon 10 airplane is shown on TCDS A33EU for parts not changed or not affected by the change.
- b. The certification basis for parts changed or affected by this change since the reference date of application, May 20, 2005, is shown on TCDS A33EU and included in Special Conditions 25-244-SC (HIRF):

In addition, the applicant has voluntarily complied with 14 CFR Part 25 as amended by Amendment 25-117.

**Regulations at the latest amendment 25-0 through 25-117:**

|                        |                             |                    |                    |
|------------------------|-----------------------------|--------------------|--------------------|
| FAR 25.1               | FAR 25.301(a)-(c)           | FAR 25.303         | FAR 25.305(a)-(f)  |
| FAR 25.307(a)          | FAR 25.561(a)-(d)           | FAR 25.601         | FAR 25.603(a)-(c)  |
| FAR 25.605(a)-(b)      | FAR 25.607(a)-(c)           | FAR 25.609(a)-(b)  | FAR 25.611         |
| FAR 25.613(a)-(e)      | FAR 25.619(a)-(c)           | FAR 25.625(a)-(d)  | FAR 25.771(a)-(e)  |
| FAR 25.773(a)-(d)      | FAR 25.869(a)               | FAR 25.981(a)      | FAR 25.1301(a)-(d) |
| FAR 25.1303(a)-(c)     | FAR 25.1307(c)              | FAR 25.1309(a)-(g) | FAR 25.1316(a)-(c) |
| FAR 25.1321(a)-(e)     | FAR 25.1322(a)-(d)          | FAR 25.1323(a)-(j) | FAR 25.1325(a)-(h) |
| FAR 25.1327(a)-(b)     | FAR 25.1331(a)-(b)          | FAR 25.1333        | FAR 25.1335        |
| FAR 25.1351(a)         | FAR 25.1353(a),(b),(d)      | FAR 25.1357(a),(c) | FAR 25.1381(a)-(b) |
| FAR 25.1431(a)-(d)     | FAR 25.1501(a)-(b)          | FAR 25.1529        | FAR 25.1541        |
| FAR 25.1581(a),(b),(d) | FAR 25.1583(a)-(f), (h)-(i) | FAR 25.1585(a)-(e) | FAR 25.1587(a)-(b) |

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